

# WaterSignal detects three underground leaks for Ohio apartment community

## 1. BACKGROUND

On September 17th, 2012, WaterSignal installed devices to monitor the main domestic water meter and fire line at Heathermoor Apartments.

Managed by Fairfield Residential, Heathermoor Apartments offers 280 updated apartment homes in Columbus, OH.

## 2. ANALYSIS

In October of 2014, WaterSignal alerted the property of steadily climbing usage on the main domestic. By January, the property was exceeding the usage benchmark by 30,000 gallons daily.

Prior to the installation of WaterSignal, Heathermoor Apartments had been relying on water bills every 60 days to analyze water use.

## 3. SOLUTION

When the WaterSignal device detected water consumption exceeding the hourly/daily preset limit, property management was instantly notified via SMS text and email.

Following WaterSignal's recommendations, a leak detection company was called to inspect the property. During their tour of the property, three underground leaks were discovered.

## 4. BENEFITS & RESULTS

WaterSignal provided Heathermoor property managers with comparable water data, allowing them to see that water usage had greatly increased over a period of time.

Had the leaks remained undetected, the property would have continued to pay an additional \$1,125/week (Based on local water/sewer rate of \$8.62/1000 gallons).

### **After the installation of WaterSignal's real time water monitoring, the following findings were evident:**

- » Real time water monitoring provided instant access to hourly data trends
- » WaterSignal's 24/7 leak alerts quickly discovered the leak and alerted property management via SMS and email
- » Three underground leaks were discovered and repaired
- » Water savings of \$1,125/week

